

SEQUENCE LISTING

<110> CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, et al

<120> IONIZING RADIATION OR DIATHERMY-SWITCHED GENE THERAPY
VECTORS AND THEIR USE IN ANTITUMOUR THERAPY

<130> PCT/GB99/01362

<140> PCT/GB99/01362

<141> 1999-05-17

<150> GB 9810423.5

<151> 1998-05-15

<160> 12

<170> PatentIn Ver. 2.1

<210> 1

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
single stranded oligonucleotide used in tandem
arrays to provide radiation responsive promoter
elements.

<400> 1

ccttatttgg

10

<210> 2

<211> 69

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
single stranded oligonucleotide containing 6
repeats of SEQ ID NO: 1.

<400> 2

gatctcctta tttggcctta tttggcctta tttggcctta tttggcctta tttggcctta 60
ttgggcgat 69

09700059-103004

<210> 3
<211> 64
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
single stranded oligonucleotide sequence
complementary to SEQ ID NO:2.

<400> 3
cgcccaaata aggccaaata aggccaaata aggccaaata aggccaaata aggccaaata 60
agga 64

<210> 4
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
single stranded oligonucleotide containing 4
repeats of SEQ ID NO: 1.

<400> 4
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<210> 5
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Synthetic
single stranded oligonucleotide sequence
complementary to SEQ ID NO: 4.

<400> 5
cgcccaaata aggccaaata aggccaaata aggccaaata agga 44

<210> 6
<211> 36
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer for PCT
amplification of enhancer/promoter sequence of
human primary response gene egr-1/T1S8.

<400> 6

tccagatctc ccggttcgct ctcacggtcc ctgagg

36

<210> 7

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer for PCT
amplification of enhancer/promoter sequence of
human primary response gene egr-1/T1S8.

<400> 7

cggcgcgcgcg ctggatctct cgcgactccc cg

32

<210> 8

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer for PCT
amplification of enhancer sequence of human
primary response gene egr-1/T1S8.

<400> 8

actgcgatcg cgggcccggc cgggcccgca tcccaggccc cc

42

<210> 9

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer Clatk
for PCR amplification of Thymidine kinase gene.

<400> 9

ccatcgatat ggcttcgtac cccggc

26

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer tkNot
for PCR amplification of Thymidine kinase gene.

<400> 10

aaggaaaaaa gcggccgcct ccttccgtgt ttcagttagc

40

<210> 11

<211> 83

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
single stranded oligonucleotide used to produce
double stranded molecules containing the hypoxia
responsive region of the Enolase-1 gene promoter.

<400> 11

gatctagggc cggacgtggg gccccgtagg cacgctgagt gcgtgcggga ctcgagtagc 60
gtgacggagc cccgcgatgc gat 83

<210> 12

<211> 77

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
single stranded oligonucleotide used to produce
double stranded molecules containing the hypoxia
responsive region of the Enolase-1 gene promoter.

<400> 12

cgcacgcgg ggctccgtca cgtactccga gtcccgcaag cactcagcgt gcctacgggg 60
ccccacgtcc ggcccta 77